

1805-0009

IN THE CLAIMS:

Please amend claim 10 and add new claims 28-35 as set forth below. Also, please cancel claims 12-27 without prejudice to further consideration in a divisional application. A complete listing of the claims and their current status follows.

1. (original) A process for removing a coating from a part comprising the steps of:

immersing the part in a chemical bath, the bath containing a first chemical solution effective to strip the coating from the part; and

directing an aerated jet spray of a second chemical solution onto the part immersed in the chemical bath, the second chemical solution effective to strip the coating from the part.

2. (original) The process for removing a coating from a part according to claim 1, wherein said first and second chemical solutions are the same chemical solution.

3. (original) The process for removing a coating from a part according to claim 1, wherein at least one of the first and second chemical solutions includes sodium hydroxide.

4. (original) The process for removing a coating from a part according to claim 1, wherein at least one of the first and second chemical solutions includes a solution selected from the group glycolic acid, N-methyl pyrrolidone, 2-buoxyethanol, isopropyl alcohol, ethyl lactate and dibasic esters.

5. (original) The process for removing a coating from a part according to claim 1, wherein at least said first chemical solution is heated above room temperature.

1805-0009

6. (original) The process for removing a coating from a part according to claim 1, wherein said first chemical solution is continuously recirculated.

7. (original) The process for removing a coating from a part according to claim 6, wherein said first chemical solution is filtered during recirculation.

8. (original) The process for removing a coating from a part according to claim 6, wherein said first chemical solution is recirculated in a direction transverse to the direction of the aerated jet spray of said second chemical solution.

9. (original) The process for removing a coating from a part according to claim 1, wherein said jet spray is provided at a flow rate of between 1 gpm and 500 gpm.

10. (currently amended) ~~The A~~ process for removing a coating from a part according to claim 9, comprising the steps of:

immersing the part in a chemical bath, the bath containing a first chemical solution effective to strip the coating from the part; and

directing an aerated jet spray of a second chemical solution onto the part immersed in the chemical bath, the second chemical solution effective to strip the coating from the part;

wherein said jet spray is produced by combining a flow of said second chemical solution with a flow of pressurized air provided at a pressure between 1 psi and 250 psi.

11. (original) The process for removing a coating from a part according to claim 10, wherein the pressurized air is provided at a flow rate of between 1 cfm and 100 cfm.

Claims 12-27 (cancelled).

1805-0009

28. (new) The process for removing a coating from a part according to claim 10, wherein said first and second chemical solutions are the same chemical solution.

29. (new) The process for removing a coating from a part according to claim 10, wherein at least one of the first and second chemical solutions includes sodium hydroxide.

30. (new) The process for removing a coating from a part according to claim 10, wherein at least one of the first and second chemical solutions includes a solution selected from the group glycolic acid, N-methyl pyrrolidone, 2-buoxylethanol, isopropyl alcohol, ethyl lactate and dibasic esters.

31. (new) The process for removing a coating from a part according to claim 10, wherein at least said first chemical solution is heated above room temperature.

32. (new) The process for removing a coating from a part according to claim 10, wherein said first chemical solution is continuously recirculated.

33. (new) The process for removing a coating from a part according to claim 32, wherein said first chemical solution is filtered during recirculation.

34. (new) The process for removing a coating from a part according to claim 32, wherein said first chemical solution is recirculated in a direction transverse to the direction of the aerated jet spray of said second chemical solution.

35. (new) The process for removing a coating from a part according to claim 10, wherein said jet spray is provided at a flow rate of between 1 gpm and 500 gpm.